

Patent claims

1. 'An electric heating device having at least one electric heating element and a control apparatus (4),
5 characterized in that an emergency switch-off means is provided for the event of a crash.
2. The electric heating device as claimed in claim 1, characterized in that the emergency switch-off means is
10 a switch (6, 6') which is triggered automatically in the event of a crash.
3. The electric heating device as claimed in claim 1 or 2, characterized in that the emergency switch-off
15 means can be electronically reset by hand or by means of the control apparatus.
4. The electric heating device as claimed in one of claims 1 to 3, characterized in that the electric
20 heating device has at least one PTC element (3).
5. The electric heating device as claimed in one of claims 1 to 4, characterized in that the switch (6)
switches a power signal (10).
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6. The electric heating device as claimed in claim 5, characterized in that the switch (6) of the emergency switch-off means is arranged in the region of the heating element.
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7. The electric heating device as claimed in one of claims 1 to 4, characterized in that the switch (6') switches at least one control signal (11, 11', 11'').
8. The electric heating device as claimed in claim 7,
35 characterized in that the switch (6') of the emergency switch-off means is arranged in the region of the

control apparatus (4) at a distance from the heating element.

5 9. The electric heating device as claimed in one of claims 1 to 8, characterized in that the emergency switch-off means comprises an integrated sensor which automatically triggers the emergency switch-off means in the event of a crash.

10 10. The electric heating device as claimed in one of claims 1 to 8, characterized in that the emergency switch-off means can be triggered by a central sensor.

15 11. A motor vehicle air-conditioning system characterized by an electric heating device (1) as claimed in one of claims 1 to 10.